

Title (en)

GENES AND USES FOR PLANT IMPROVEMENT

Title (de)

GENE UND IHRE VERWENDUNGEN FÜR DIE ZÜCHTERISCHE BEARBEITUNG VON PFLANZEN

Title (fr)

GENES ET LEURS UTILISATIONS POUR AMELIORER DES PLANTES

Publication

EP 1850656 A4 20100407 (EN)

Application

EP 06718079 A 20060112

Priority

- US 2006000964 W 20060112
- US 64371705 P 20050112

Abstract (en)

[origin: WO2006076423A2] This invention provides transgenic plant cells with recombinant DNA for expression of proteins that are useful for imparting enhanced agronomic trait(s) to transgenic crop plants. This invention also provides transgenic plants and progeny seed comprising the transgenic plant cells where the plants are selected for having an enhanced trait selected from the group of traits consisting of enhanced water use efficiency, enhanced cold tolerance, increased yield, enhanced nitrogen use efficiency, enhanced seed protein and enhanced seed oil. Also disclosed are methods for manufacturing transgenic seed and plants with enhanced traits.

IPC 8 full level

C12N 5/04 (2006.01); **A01H 5/00** (2006.01); **C12N 15/82** (2006.01); **C12N 15/90** (2006.01)

CPC (source: EP)

C12N 9/2497 (2013.01); **C12N 15/8261** (2013.01); **C12N 15/8273** (2013.01); **Y02A 40/146** (2017.12)

Citation (search report)

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- See references of WO 2006076423A2

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DOCDB simple family (publication)

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